

RATION AND POWER OF ATTORNEY

REGULAR OR DESIGN APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CRYSTAL PULLER AND METHOD FOR GROWING SINGLE CRYSTAL SEMICONDUCTOR MATERIAL

the	speci	fication	of	which:
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(check one)

[]	is attached hereto
[X]	was filed on <u>January 9, 2001</u> as Application Serial No.
	09/757,121, and was amended on
[]	was described and claimed in PCT International Application
	No, filed on and as amended
	under PCT Article 19 on, if any.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

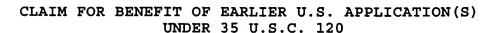
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a) - (d) or §365(b) of any foreign application for patent or inventor's certificate, or §365(a) of any PCT application which designates at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Priority Claimed</u>					
(Number)	(Country)	(Day/Month/Year Filed)			
(Number)	(Country)	(Day/Month/Year Filed)			
(Number)	(Country)	(Day/Month/Year Filed)			
	Priority N	ot Claimed			
ANY FOREIGN APPLICATION(S), ON THE SAME SUBJECT MATTER WHICH HAS A FILING DATE EARLIER THAN THE EARLIEST APPLICATION FROM WHICH PRIORITY IS CLAIMED (Number) (Country) (Day/Month/Year Filed)					
,	-	OVISIONAL APPLICATION(S)			
I hereby claim t §119(e) of any U below.	he benefit under nited States prov	Title 35, United States Code, visional application(s) listed			
(Application	Number)	(Filing Date)			
(Application	Number)	(Filing Date)			



I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s), or §365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Serial No.)	(Filing Date)	(Status)	
(Serial No.)	(Filing Date)	(Status)	

POWER OF ATTORNEY

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Irving Powers (15,700), Donald G. Leavitt (17,626), John K. Roedel, Jr. (25,914), Michael E. Godar (28,416), Edward J. Hejlek (31,525), William E. Lahey (26,757), Richard G. Heywood (18,224), Frank R. Agovino (27,416), Kurt F. James (33,716), G. Harley Blosser (33,650), Paul I. J. Fleischut (35,513), Vincent M. Keil (36,838), Robert M. Evans, Jr. (36,794), Robert M. Bain (36,736), Kathleen M. Petrillo (35,076), David E. Crawford, Jr. (38,118), Paul A. Maddock (37,877), Richard L. Bridge (40,529), Christopher M. Goff (41,785), James E. Butler (40,931), Derick E. Allen (43,468), Matthew L. Cutler (43,574), Michael G. Munsell (43,820), Karen Y. Hui (44,785), Anthony R. Kinney (44,834), Brian P. Klein (44,837), Sarah J. Chickos (46,157), Donald W. Tuegel (45,424), Steven M. Ritchey (46,321), Michael J. Thomas (39,857), Kathryn J. Doty (40,593), Laura R. Polcyn (47,000), James J. Barta, Jr. (P-47,409), John M. Bodenhausen (P-47,432), James E. Davis (P-47,516), and Richard A. Schuth (P-47,929), all of the law firm of SENNIGER, POWERS, LEAVITT & ROEDEL, One Metropolitan Square, 16th Floor, St. Louis, Missouri 63102.

Send Correspondence To:	Direct Telephone Calls To:
send correspondence to:	Direct lelephone calls to:
Customer Number: 000321	Richard L. Bridge
customer Number: 000321	(314) 231-5400
	(314) 231-3400
I hereby declare that all sta	tements made herein of my own
	ll statements made on information
and belief are believed to be	
	knowledge that willful false
statements and the like so ma	
	Section 1001 of Title 18 of the
	uch willful false statements may
	e application or any patent issued
thereon.	
Full name of sole or first in	ventor <u>Hariprasad Sreedharamurthy</u>
A '	
Inventor's signature	60MA 00170/01
Inventor's signature	Date Od 2001
Residence <u>Ballwin</u> , <u>Missour</u>	half Date $02/20/01$ Citizenship India
Post Office address 501 Pear	1 Drive, P.O. Box 8,
St. Pete	rs, MO 63376
Full name of second joint inv	
	Mohu Bane Date 2/20/0/
Second inventor's signature	viola vient Date 4000
Residence Grover, Missouri	Citizenship <u>iran</u>
Post Office address 501 Pear	
St. Pete	rs, MO 63376
	•
Full name of third joint inves	ntor John D. Holder
Tail hame of chila joine inve	neor <u>som B. norder</u>
Third inventor's signature	July Date 2/20/01
Residence <u>Lake St. Louis</u> , Mis	
Post Office address <u>501 Pear</u>	
St. Peter	
	257 03370
Full name of fourth joint invo	entor Lee W. Ferry
	_
Second inventor's signature	w. Ferry Date 2/20/01
Residence St. Charles, Misson	uri Citizenship US
Post Office address 501 Pear	
St. Pete	